ARKHAROV, V. I.; GORINA, A. I.; USYSKINA, S. L.

Application of Gas Chrome Plating to the Anti-Corrosion Protection of Equipment for Souprene Production

Trudy IMM UFAN, 2nd Edition, 49, 1944

LUKOMSKAYA, A.I.; REZNIKOVSKIY, M.M.; ORLOVSKIY, P.N.; STUKALOVA, A.F.
Prinimali uchastiye: GORINA, A.K.; STULOVA, V.T.

Efficient laboratory method for determining the tendency of rubber mixtures for prevulcanization. Trudy Nauch.-issl. inst. shin. prom. no.7:154-167 '60. (MIRA 14:8)
(Vulcanization) (Rubber, Synthetic--Testing)

LUKOMSKAYA, A.I.; ORLOVSKIY, P.N.; MEREZHANNYY, S.B.; STUKALOVA, A.F.; Prinimali uchastiye: SAMOKHODKINA, K.G.; KALINOVA, L.T.; GORINA, A.K.; STULOVA, V.T.

Effect of the surface-to-volume ratio of a test piece in the evaluation of the processing qualities of rubber blends. Kauch. i rez. 20 no. 4:36-42 Ap '61. (MIRA 14:5)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti (for Lukomskaya, Orlovskiy, Merezhannyy, Stukalova).
(Rubber, Testing)

ALEKSEYEV, S.N.; ANTIPIN, V.A.; ARTAMONOV, V.S.; BALALAYEV, G.A., inzh.; VOLODIN, V.Ye.; GOL'DENBERG, N.L.; GORINA, B.S.; GOFEN, D.A.; GRISHIN, M.Ye.; DERESHKEVICH, Yu.V.; DORONENKOV, I.M.; KLINOV, I.Ya., doktor tekhn. nauk, prof.; LEYRIKH, V.E.; LUTONIN, N.V.; MOLOKANOV, A.V., dots.; NOGIN, A.Ya.; PAKHOMOV, N.M.; PROTOSAVITSKAYA, Ye.A.; ROMOV, I.V.; CHAPLITSKIY, L.A.; TSEYTLIN, A.G.; STRAV'YE, P.K.; MOSHCHANSKIY, N.A., doktor tekhn. nauk, prof., red.; PEREVALYUK, M.V., red.izd-va; TEMKINA, Ye.L., tekhn.red.

[Corrosion protection in the construction of industrial buildings] Zashchita ot korrozii v promyshlennom stroit l'-stve. Moskva, Gosstroiizdat, 1963. 406 p. (MIRA 16:12)

(Corrosion and anticorrosives)
(Industrial buildings)

PALETSKAYA, L.N.; GORINA, E.I.

Bacterial inoculation of virgin takyr soils brought under cultivation. Izv.AN Turk.SSR no.4:20-29 '59. (MIRA 13:8)

1. Institut botaniki AN Turkmenskoy SSSR.
(Takyr) (Soil inoculation)

GORINA, F.A., inzh.; CHISTYAKOVA, N.V., inzh.

Rapid method for determining the degree of polymerization of polymethylacrylate of "No.1" and "A" make acrylic emulsions. Kozh.-obuv.prom. 5 no.4:15-18 Ap '63. (MIRA 16:5)
(Polymerization) (Acrylic acid)

L 8958-66 EWT(m)/EWP(j)/T RM

ACC NR: AP5026529 SOURCE CODE: UR/0286/65/000/019/0070/0070

AUTHORS: Yeliseyeva, V. I.; Il'ichev, G. I.; Karpeyev, Ye. F.; Metelkin, A. I.; Zharkov, M. N.; Petrova, S. A.; Ionova, N. I.; Gorina, E. A.; Khandoshko, Ye. N.; Zurabyan, K. M.; Loseva, V. A.; Morgulis, I. A.; Arkhangel'skaya, A. P.; Kryuchkova, M. P.

ORG: none

TITLE: Method for obtaining film-forming materials and impregnating materials for trimming and filling of natural and artificial leather / Class 39, No. 175227 /5

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 19, 1965, 70

TOPIC TAGS: leather, polymer, protein, vinyl plastic, acrylic plastic

ABSTRACT: This Author Certificate presents a method for obtaining film-forming and impregnating materials for trimming and filling of natural and artificial leather by modification of vinyl, for instance, acrylic and methacrylic monomers by means of proteins. To increase the thermal, acetone, and water stability of coatings and the durability and filling of the material structure, the starting monomers are emulsified in an aqueous protein solution. The emulsification is followed by

Card 1/2

UDC: 678.744.32-416
677.862.524.1

GORINA, G.S.

Expand the finishing of sewn and knit goods on embroidery machines. Leg. prom. 17 no.5:8-10 My '57. (MLRA 10:6)
(Embroidery (Machine))

BOKOVA, V.I.; GORINA, G.V.

Spectral analysis of niobium chloride and technical niobium hydroxide by the condensed spark method. Zav. lab. 31 no.9:1090 '65. (MIRA 18:10)

S/020/61/139/006/016/022
B103/B101

AUTHORS: Kargin, V. A., Academician, and Gorina, I. I.

TITLE: Polymorphism of crystalline polypropylene

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 139, no. 6, 1961, 1371

TEXT: The authors studied the various morphological forms of crystalline, stereoregular polypropylene which has a high molecular weight (M=100,000). Its solutions in xylene and decalin (concentration, 0.001 - 0.1%) were heated to 10 - 15°C below the boiling point of the solvent. Subsequently, it was slowly cooled to room temperature within two weeks. The resulting hyaline suspension was applied to a colloxyline backing, preshadowed, and examined under an GEM-5G electron microscope. Electron diffraction of the single crystals shows distinct reflexes which disappear under the action of the electron beam. The beam apparently suppresses the diffractive power of the specimen without changing its form. For the first time the authors observed a polymorphism with such a great variety

Card 1/3

Polymorphism of crystalline polypropylene

S/020/61/139/006/016/022
B103/B101

of morphological forms of a polymer: the polypropylene specimen showed long rods with a size of up to 5μ, regular triangles, hexagonal crystals, crystals resembling snow-flakes, body-centered crystals with distinctly marked lateral faces, and also the rhombic structure which is characteristic of polymers. The authors obtained intermediate crystal forms by changing the conditions of crystallization (temperature, concentration, cooling rate). At low concentrations (≤0.001%) and at temperatures near the boiling point of the solvent, asymmetric bodies with a size of up to 0.5μ are formed. In the course of the process, longitudinal crab-shaped, needle-shaped, or dendritic bodies were formed. It is concluded that the Keller mechanism of formation of crystal structures (accumulation of planes) is not the only mechanism underlying the crystallization of polymers. This problem will be discussed by the authors in a later paper. [Abstracter's note: The electron micrographs are not reproducible.] There are 4 figures, 1 Soviet and 7 non-Soviet references. The three most important references to English-language publications read as follows: A. Keller, Phil. Mag., 2, 1171 (1957); B. G. Ränby, F. F. Morehead, N. M. Walter, J. Polymer Sci., 44, 349 (1960); P. H. Geil, J. Polymer Sci., 44, 449 (1960).

Card 2/3

Polymorphism of crystalline polypropylene

S/020/61/139/006/016/022
B103/B101

ASSOCIATION: Institut neftekhimicheskogo sinteza Akademii nauk SSSR (Institute of Petrochemical Synthesis of the Academy of Sciences USSR)

SUBMITTED: April 12, 1961

Card 3/3

L 44168-65 EEC(b)-2/EPF(c)/EWP(j)/EWT(1)/EWT(m)/T Pc-4/Pr-4/Pi-4
[illegible] SG/RM
ACCESSION NR: AP5005587 [illegible]

AUTHORS: Kargin, V. A.; Gorina, I. I.

TITLE: Dendritic growth of crystals of [illegible]

[illegible] soyedineniy [illegible]

[illegible] crystal growth, crystal, [illegible]

ABSTRACT: The work described by V. A. Kargin [illegible] 1957, 16(2) and by G. P. [illegible]

[illegible]

L 44168-65
ACCESSION NR: AP5005587

films on glycerine surfaces (at 125, 128 and [illegible]

[illegible] figures.

[illegible] Institut neftekhimicheskikh [illegible]

SUBMITTED: 23Mar64 ENCL: 00 SUB CODE: SS, OC

NO REF SOV: 005 OTHER: 002

Card 2/2

KARGIN, V.A.; [illegible]

Elementary processes of structurization in polypropylene. Vysokom.soed. 7 no.7:1183-1189 Jl '65. (MIRA 18:8)

1. Institut neftekhimicheskogo sinteza AN SSSR.

KARGIN, V.A., [illegible], I.I.

Electron microscope study of the deformation of fibrillar dendrites of polypropylene. Vysokom. soed. 7 no.8:1323-1325 Ag '65. (MIRA 18:9)

1. Institut neftekhimicheskogo sinteza AN SSSR.

L 18571-66 EWT(m)/EWP(j)/T RM

ACC NR: AP6002431 SOURCE CODE: UR/0020/65/165/005/1108/1110

AUTHORS: Kargin, V. A. (Academician); Gorina, I. I.

ORG: Institute for Petrochemical Synthesis im. A. V. Topchiyev (Institut neftekhimicheskogo sinteza)

36
8

TITLE: Dendritic mechanism of formation of large crystals structures in isotactic polypropylene 1.1.65

SOURCE: AN SSSR. Doklady, v. 165, no. 5, 1965, 1108-1110

TOPIC TAGS: polymer, polymer structure, polypropylene plastic, crystalline polymer/ JEM-5G electron microscope

ABSTRACT: A new type of fibrillar crystals in polypropylene was observed. This work is an extension of the investigations carried out by the authors (Vysokomolek. soyed., 7 (1965), 220, 1273, 1323). The crystals were obtained by heating a 0.01% solution of polypropylene in decaline to boiling, and by subsequent thermostating of the solution at 90C for 3--5 hours. After this treatment, droplets of the solution were investigated by electron microscopy on the JEM-5G electron-microscope. A number of electromicroscope pictures are presented. It is concluded that the

Card 1/2 UDC: 678.01:53+678.742

L 18571-66

ACC NR: AP6002431

formation of spherulite crystals in polymers may follow a dendritic mechanism as well as one of the other mechanisms described by D. H. Keith and F. J. Padden, Jr. (J. appl. Phys., 34, No. 8 2409, 1963). Orig. art. has: 4 graphs.

SUB CODE: 20, 07, 11 SUBM DATE: 12Jun65/ ORIG REF: 002/ OTH REF: 004

Card 2/2 Sm

GORINA, K.D.

Condition of the thermoregulatory reflex in patients with skin diseases during fever therapy. Vest. derm. i ven. 34 no. 5:9-15 '60.
(MIRA 14:1)

(SKIN--DISEASES) (BODY TEMPERATURE) (FEVER THERAPY)

GORINA, K.D.; BERDYBAYEV, U.B.; GOLKOVA, Ye.I.; PARKHOMENKO, N.A.

Cutaneous leishmaniasis in the city of Alma-Ata. Zdrav. Kazakh. 22 no.2:47-49 '62. (MIRA 15:4)

1. Iz kafedry kozhno-venericheskikh bolezney Kazakhskogo meditsinskogo instituta, sanepidstantsii i kozhno-venerologicheskogo dispansera g. Alma-Aty.

(ALMA-ATA--LEISHMANIASIS)

BERDYBAYEV, U.B.; GORINA, K.D.

Concentrated sunlight in the treatment of some dermatoses.
Zdrav.Kazakh. 22 no.11:47-50 '62. (MIRA 16:2)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof. U.B. Berdybayev) Kazakhskogo meditsinskogo instituta.
(SOLAR RADIATION—PHYSIOLOGICAL EFFECT)
(SKIN—DISEASES)

BERDYBAYEV, U.B.; GORINA, K.D.

Impulse solar light from Bukhman's reflector in the treatment of some dermatoses. Vest. derm. i ven. 37 no.9:43-46 S '63. (MIRA 17:6)

1. Kafedra kozhno-venericheskikh bolezney Alma-Atinskogo meditsinskogo instituta (zav. - prof. U.B. Berdybayev).

SHTERNBERG, L.Ye.; GORINA, K.S.; KANAKINA, M.A.; KORENEVA, Ye.V.

Iron occurrences in recent sediments of Lake Punnus-Yari.
Izv. AN SSSR. Ser.geol. 28 no.3:93-101 Mr '63. (MIRA 16:2)

1. Geologicheskiy institut AN SSSR, Moskva.
(Krasnoye Lake (Leningrad Province)--Iron)

VANCHIKOV, A.N., doktor tekhn.nauk; GORINA, L.I., inzh.; BORISOVA, M.Y., inzh.

Increasing packages on P-76 spinning machines. Tekst.prom. 19 no.2:14-19 F '59. (MIRA 12:5)
(Spinning machinery)

GORINA, M.Ye.; KOROLEVA, Ye.V.; PROKHOROVA, S.M.

Bibliographic index of literature on the spinning of bast fibers and the manufacture of cordage published from 1958 to 1960. Nauch.-issl.trudy TSNIILV 17:162-174 '62. (MIRA 16:10)

GORINA M.Yu.

SOV/109-3-8-13/18

AUTHORS: Arshanskaya, N.G., Ban'kovskiy, N.G., ~~Gorina, M.Yu.,~~ Mel'nik, O.N., Serova, N.N. and Legkova, A.A.

TITLE: Thorium-oxide Cathodes for Power Tubes (Oksidno-toriyevyy katod dlya moshchnykh generatornykh lamp)

PERIODICAL: Radiotekhnika i Elektronika, 1953, Vol 3, Nr 8, pp 1064 - 1072 (USSR)

ABSTRACT: The preparation of the actual thorium-oxide cathodes was effected by the method of electrophoresis, which permitted the manufacture of robust coatings with a smooth surface on various types of the cathode core. The core material for the cathodes was tantalum, since its expansion coefficient is approximately equal to that of thorium oxide. The cores were de-greased, etched, washed and then de-gassed at a temperature of 1,600 °C. Since the attempts to obtain satisfactory coatings by the normal, cataphoretic method were unsuccessful, an ultrasonic-type mixing of thorium-oxide suspension was employed. This was very successful and permitted obtaining coatings of about 40 μ (16 mg/cm^2) . The cathode cores were either ribbon-like

Card 1/4

or were in the form of troughs. In either case, they were coated by the cataphoretic-ultrasonic method by employing the so-called technique of "extended meniscus". In this technique, the cathode core is placed horizontally in the vicinity of the surface of the coating suspension and the cathode is lowered until it very nearly touches the substance. In this way, a meniscus is formed; the cathode is then pulled away. The cathodes thus prepared were investigated in three types of experimental tubes. The construction of the first tube (a diode) is shown in Figure 2; this is furnished with a cathode in the form of a cup. The second diode employs a directly heated ribbon-like cathode and its construction is illustrated in Figure 3. This cathode had an emissive surface of 0.5 cm^2 . The third tube had a filamentary cathode, having a diameter of 100 μ, which was coated with an oxide to a thickness of 15-40 μ. The temperature of the cathodes in the first two tubes was measured by means of an optical micropyrometer, while the temperature of the filamentary cathode was determined from the change of the filament resistance. The influence

of the activation temperature on the emission characteristics of the cathodes is illustrated in Figures 5 and 6. The three curves of Figure 5 are the Richardson curves for a cathode based on a molybdenum core. Curves 1 and 2 are for cathodes activated at 1600 and 1800 ^{o}K, respectively, while Curve 3 is for a cathode activated at 2,000 ^{o}K. Figure 6 shows a family of static characteristics; Curve 2 was taken at a temperature of 1 820 ^{o}K after a purely thermal activation at a temperature of 1 960 ^{o}K, while the remaining curves were taken at various temperatures after the cathode had been activated at a current density of 0.6 A/cm^2 and a temperature of 1 880 ^{o}K. The thermal emission constants of well-activated cathodes were determined from the Richardson graphs (Figure 9) and it was found that the work function was 2.2 to 2.4 eV, while the Richardson constant was about 0.5 to 5 A/cm^2 per degree^2. The emission characteristics were also taken by means of short pulses (less than 100 μs) and these are shown in Figure 9 for various activating temperatures. From the curves, it was found that at a

Thorium-oxide Cathodes for Power Tubes SOV/109-3-8-13/18

temperature of 1 860 °K, the maximum emission density in the static regime is about 1.5 A/cm^2, while in the pulse operation, it is about 2-3 A/cm^2; at temperatures of 2,000 - 2 100 °K, the pulse emission was 8-9 A/cm^2. The cathodes were also subjected to life tests and it was found that a thorium-oxide layer of about 40 μ gives a useful life of 500 hours at a current density of 0.6 A/cm^2. It was further found that the cathodes do not lose their emission even if the vacuum inside the tubes becomes as low as 5 x 10^{-5} mmHg. There are 9 figures and 12 references, 7 of which are English, 4 French and 1 Soviet.

SUBMITTED: January 29, 1958

Card 4/4

1. Oxide cathodes--Properties 2. Oxide cathodes--Preparation
3. Thorium oxide--Applications 4. Tantalum--Applications

PASHEKHONOVA, N.V.; ROMANOVA, I.F.; GORINA, M.Yu.

Study of the lithium function of glass electrodes. Part 1. Vest. LGU 15 no.16:85-94 '60. (MIRA 13:8)
(Electrodes, Glass)

L 02991-67 EWT(m)/EWP(t)/ETI IJP(c) MJW/JD/JG

ACC NR: AP6033155 SOURCE CODE: UR/0105/66/000/010/0082/0083

AUTHOR: Gorina, N. B.; Gruznov, Yu. A.; Kolobanov, V. V.; Matorin, V. I.; Prokoshin, A. F.; Rad'kov, A. I.; Sokolov, V. I.; Tret'yakov, B. N.; Fedotov, L. N.; Khromov, S. M.; Kuleshov, V. F.

ORG: Central Scientific Research Institute of Ferrous Metallurgy im. I. P. Bardin (Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii)

TITLE: The 65BT superconducting alloy

SOURCE: Elektrichestvo, no. 10, 1966, 82-83

TOPIC TAGS: superconducting alloy, superconductivity

ABSTRACT: A new, relatively low cost Nb-Ti based alloy, designated 65BT, which meets all the major requirements for superconductors has been developed. Because of its properties it can be used in 1) magnetizing devices, such as superconducting solenoids, for field strengths varying from 20 to 80 koe, and 2) wires 0.1—0.3 mm in diameter and up to 12,000 m long and tapes 5 μ thick. The alloy, which contains 65% niobium, 25% titanium, and several other components, is produced in

Card 1/2 UDC: 537.312.62

L 02991-67
ACC NR: AP6033155

an arc furnace and, after thermal processing, is cold drawn. For use in superconducting solenoids, the alloy requires a 0.02—0.05-mm copper coating. Orig. art. has: 1 table.

SUB CODE: 20/ SUBM DATE: none/ ATD PRESS: 5099

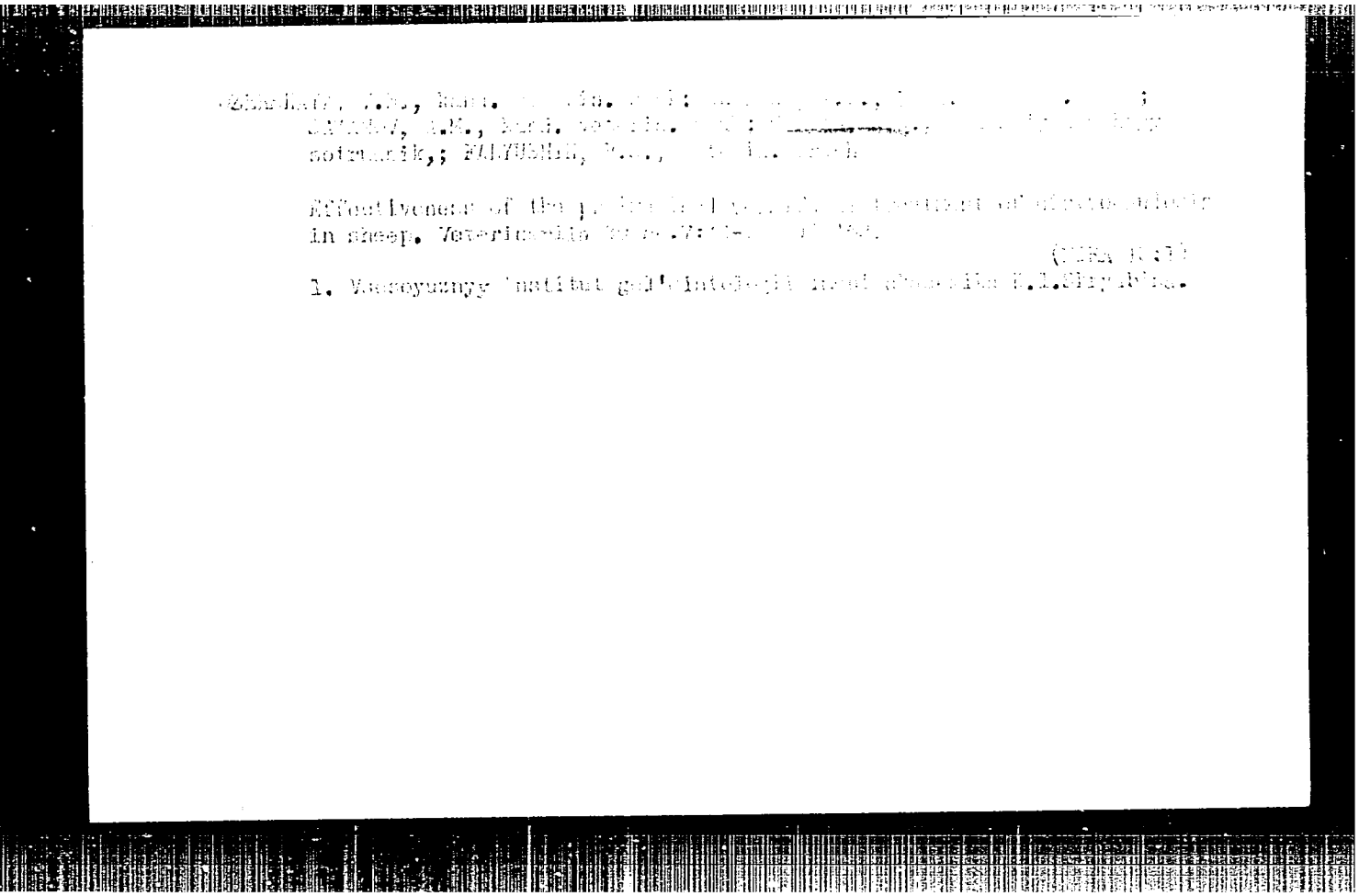
awm

Card 2/2

GORINA, N.D.

Influence of some kinds of helminths on the organs of sight. Oft.zhur. 15 no.4:228-231 '60. (MIRA 13:11)

1. Iz kafedry glaznykh bolezney (zav. - prof. A.M.Rodigina) L'vovskogo meditsinskogo instituta.
(WORMS, INTESTINAL AND PARASITIC)
(EYE--DISEASES AND DEFECTS)



OZERSKAYA, V. N., GNEDINA, M. P., SAZANOV, A. M. (Candidates of Veterinary Sciences), GORINA, N. S. (Junior Scientific Co-Worker) and FALYUSHIN, V. S. (Veterinary Surgeon, All-Union Institute of Helminthology imeni Academician K. I. Skryabin)

"About the effectiveness of preimaginal vermifuge treatment of sheep in dictiocaulosis"

Veterinariya, vol. 39, no. 7, July 1962 p. 41

GORINA, N.S.

Advanced work practices of letter carriers. Vest. sviazi 23 no.2:26-27 F '63. (MIRA 16:2)

1. Starshiy inzh. normativno-issledovatel'skoy gruppy pri Sverdlovskom pochtamte.
(Postal service--Letter carriers)

ACCESSION NR: AR4015638 S/0081/63/000/022/0118/0119

SOURCE: RZh. Khimiya, Abs. 22G127

AUTHOR: Levchenko, Ye. S.; Ponomareva, Ye. A.; Corina, S. F.

TITLE: Analytical method of determination of normal paraffin hydrocarbons in benzene fractions

CITED SOURCE: Novosti neft. i gaz. tekhn. Neftepererabotka i neftekhimiya, no. 9, 1962, 20-23

TOPIC TAGS: hydrocarbon, paraffin hydrocarbon, hydrocarbon determination, chromatography, molecular sieve, petroleum

TRANSLATION: Molecular sieves (RZhKhim, 1961, 8M256; 1958, No. 12, 41036; 1962, 2M291) were used to obtain a more precise classification of the content of benzene fractions and a more accurate determination of their content of normal paraffin hydrocarbons. The content of paraffin hydrocarbons in narrow benzene fractions with boiling limits of 60-95, 95-120, 120-150, and 150-200C were determined by a method described previously (RZhKhim, 1962, 2M291). The molecular sieve used was type 5A, with a particle size of 0.25-1 mm. Exactly weighed amounts (± 0.0001 g)

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ACCESSION NR: AR4015638

of the materials to be analyzed in the vapor phase were brought into contact with the molecular sieve in a U-shaped adsorption tube at a temperature 2-3C higher than the maximum boiling temperature of the given fraction. Unadsorbed paraffin hydrocarbon was removed from the adsorber in vacuo (150-200 mm Hg). The absolute error of the determination was 0.3-0.7%, i.e. $\leq$ 4.0%. In the investigation of fractions of petroleum from Karabulak and Zamankul, the composition of which had previously been determined by a spectrophotometric method (RZhKhim, 1958, No. 4, 11042), the difference between the results of the two methods was 0.8-1.2%. I. Nefedova

DATE ACQ: 07Jan64 SUB CODE: CH ENCL: 00

Card 2/2

LEVCHENKO, Ye.S.; PONOMAREVA, Ye.A.; GORINA, S.F.

Catalytic reforming of the gasoline fractions of Upper Cretaceous oils from the Chechen-Ingush deposit. Khim. i tekh.topl. i masel 10 no.11:10-11 N '65. (MIRA 19:1)

1. Groznenskiy neftyanoy nauchno-issledovatel'skiy institut.

GORINA, S.I.

Dependence of the duration of the period from sprouting to tillering of winter rye on agrometeorological conditions in the middle Volga Valley. Sbor. rab. Kuib. gidromet. obser. no.1: 74-80 '64. (MIRA 17:12)

GORINA, S.I.

Treatment of the methodology of constructing the forecast of the phases of development and evaluating the agrometeorological conditions of the growth of millet in the middle Volga Valley. Sbor. rab. Kuib. gidromet. obser. no.2:85-101 '65.
(MIRA 18:10)

GOLINA T.D

18(5,6,3) PHASE I BOOK EXPLOITATION SOV/2094

Akademiya nauk Kazakhskoy SSR. Institut metallurgii i obogashcheniya

Trudy, t. 1 (Transactions of the Institute of Metallurgy and Ore Dressing, Kazakh SSR Academy of Sciences, Vol 1) Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1959. 159 p. 1,225 copies printed.

Ed.: Yu. N. Kuznetsov; Tech. Ed.: Z.P. Korokina; Editorial Board: V.D. Ponomarev (Resp. Ed.); B.N. Lebedev, A.N. Grigorovich, L.E. Ni, R.A. Isakova, I.R. Polyvyanuy (Resp. Secretary), and Ye. I. Ponomareva.

PURPOSE: This book is intended for metallurgists and metallurgical engineers.

COVERAGE: This is a collection of articles dealing with various aspects of process metallurgy, principally nonferrous, and with related matters such as treatment of ore concentrates, properties of slags, etc. Topics discussed include precipitation of copper from slags, extraction of arsenic from speiss, recovery of rare metals from smelting dust, electrolytic precipitation of lead and zinc, and drying of lead-zinc concentrates. Three articles are concerned with the metal thallium. The articles are accompanied by Soviet and non-Soviet references.

TABLE OF CONTENTS:

Card 3/5

REŠETOV, D.N., doktor tekhn. nauk, prof., [illegible], D.I., [illegible] tekhn. nauk, dotsent, GORINA, L.I., starshiy prepodavatel'

Forces in a reduced cam mechanism. Izv. vys. ucheb. zav.; mashinostr. no.7:31-36 '65. (MIRA 18:12)

1. Moskovskoye vysshoye tekhnicheskoye uchilishche imeni N.E. Baumana. Submitted February 8, 1963.

Germany U

RUMANIA/Chemical Technology. Chemical Products and Their Application. J-4
Nitrogen Industry.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27425

Author : U. Gorina
Inst :
Title : Improvement of Technological Process of Producing Nitric Acid by Developing Optimal Conditions of Oxidation of Ammonia.

Orig Pub: Rev. chim., 1956, 7, No 2, 74-77

Abstract: Results of the study of the influence of excessive O_2 (O_2/NH_3), of the temperature of overheated air, and of the reaction temperature on the yield of products of catalytic oxidation of NH_3 by air under atmospheric pressure are shown. The experiments were carried out with an industrial converter 2 m in dia. with the Pt-Rh catalyst. The used catalyst consisted of two sieves 2 m in dia., of which the first had 3,600 openings per sq.cm (wire dia. 0.06 mm). The speed of the gas flow in the catalyst

Card : 1/2

RUMANIA/Chemical Technology. Chemical Products and Their Application. I-4
Nitrogen Industry.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27425

zone was 0.3 m per sec. The optimum yield of NO (97.9%) was reached at the NH_3 content of 8.9%, the temperature of the overheated air of 200° and the reaction temperature of 810°. The excess of O_2 in the mixture NH_3-air must be 1.62 to 1.72 times greater than the theoretical in order to direct the reaction to the maximum formation of NO; any greater excess of O_2 does not rise the NO yield. The above confirms the theoretical assumption that the oxidation of NH_3 into NO takes place on the catalyst surface with the participation of the adsorbed O, in consequence of which the degree of filling of the catalyst with O_2 is an important factor in the course of the reaction. Catalyst parts not covered with O_2 cause the dissociation of NH_3 with the formation of molecular N_2.

Card : 2/2

-2-

L 21709-66 EWT(m)/EWP(j) RM

ACC NR: AP6012643 SOURCE CODE: UR/0079/65/035/001/0075/0077

AUTHOR: Imayev, M. G.; Maslennikov, V. G.; Gorina, V. M.; Krasheninnikova, O. S.

ORG: Bashkir State University (Bashkirskiy gosudarstvennyy universitet)

TITLE: Transesterification of dimethylphosphite by aliphatic alcohols

SOURCE: Zhurnal obshchey khimii, v. 35, no. 1, 1965, 75-77

TOPIC TAGS: aliphatic alcohol, ester, organic phosphorous compound

ABSTRACT: The reaction of transesterification of dimethylphosphite by aliphatic alcohols both in the presence of catalysts (sodium alcoholate) as well as in their absence is reported. Experiments have shown that a mixture of the corresponding methylalkyl- and dialkylphosphites is always formed.

$$(CH_3O)_2POH + ROH \rightleftharpoons (CH_3O)(RO)POH + CH_3OH \rightleftharpoons (RO)_2POH + 2CH_3OH$$

Data showed that the reaction of partial transesterification of dimethyl phosphite to obtain methylalkylphosphites results in the yield of the latter not exceeding 24-42.7%. Such low yields are accounted for by the disproportionation of mixed dialkylphos-

Card 1/2 UDC: 546.183+547.268

L 21800-66

ACC NR: AP6012643

phites into symmetrical species upon their distillation. The total transesterification of dimethylphosphite in symmetrical dialkylphosphites was studied in the presence of sodium alcoholate, as catalyst, in a dioxane medium (no catalyst present), and in excess n-butyl alcohol; it was determined that, when dioxane or excess alcohol is present, the rate of dimethylphosphite alcoholysis is not dependent in the presence of a catalyst. Seven methylalkyl phosphites not previously described in the literature were synthesized and identified. Orig. art. has: 1 table. [JPRS]

SUB CODE: 07 / SUBM DATE: 12Oct63 / ORIG REF: 006 / OTH REF: 001

Card 2/2

L 21854-66 EWP(j)/EWT(m) RM

ACC NR: AP6012656 SOURCE CODE: UR/0079/65/035/002/0372/0377

AUTHOR: Imayev, M. G.; Gorina, V. M.; Maslennikov, V. G. 25 B

ORG: Bashkir State University (Bashkirskiy gosudarstvennyy universitet)

TITLE: Structure of addition products of thiourea to dialkylphosphites

SOURCE: Zhurnal obshchey khimii, v. 35, no. 2, 1965, 372-377

TOPIC TAGS: organic phosphorous compound, urea, chemical structure, UV spectrum

ABSTRACT: In order to establish the structure of the addition produce of thiourea to dialkylphosphites, the capacity of these compounds to add on elemental sulfur was studied along with the ultraviolet spectra. In contrast to existing data, the authors found that the addition products of thiourea to dialkylphosphites furthur add on sulfur in an acetone, dioxane, or toluene medium to form the thiourea salt of dialkylthiophosphoric acid. It was established that the addition products of thiourea to dialkylphosphites are thiourea salts of dialkylphosphoric acids with trivalent phosphorus. Thiourea salts of 14 dialkylphosphoric acids not described in the literature were isolated and identified. The corresponding thiourea salts of dialkyomonothiophosphoric acid were obtained by addition of sulfur to thiourea salts of dialkylphosphorus acids. Orig. art. has: 1 figure and 2 tables. [JPRS]

SUB CODE: 07 / SUBM DATE: 12Oct63 / ORIG REF: 008 / OTH REF: 004

Card 1/1 mt

UDC: 546.183+547.496.3

GORINA, Ye. D.

GORINA, Ye. D. "The Use of Hybrid Seed, Alone and Mixed with other Varieties, to Increase the Yield of 'Progress' Buckwheat in the Belorussian SSR." Min Higher Education USSR. Leningrad Agricultural Inst. Leningrad, 1955. (Dissertation for the Degree of Candidate in Agricultural Science)

So: Knizhnaya Letopis', No. 19, 1956.

GORINA, E.D.

[Raising good millet crops in White Russia] Vopyt atrymannia vysokikh uradzhaiau prosa u BSSR. Minsk, Dziarzh. vyd-va BSSR, 1956. 41 p. (MIRA 11:1)

(White Russia--Millet)

COUNTRY : USSR
CATEGORY : Cultivated Plants. Cereals. M

ABS. JOUR. : RZhBiol., No.14, 1958, No.63377

AUTHOR : Gorina, V. D.
INST. : -
TITLE : Effectiveness of the Sowings of Buckwheat Variety Blends.

ORIG. PUB. : Selektsiya i semenovodstvo, 1957, No. 4, 48-50

ABSTRACT : 8 paired combinations of buckwheat variety blends were tested at the Belorussian selection station: Bogatyr', Kazanskaya, Mordovskaya 124, Amurskaya, Buryat-Mongol'skaya, Terekhovskaya, Bobruyskaya. Increase in the yield in relation to pure sowings was noted in four variety blends already in the year of sowing. The best results were shown by the blend Terekhovskaya + Bogatyr' which surpassed the yield of the pure sowings by 18 and 26% in the first case, and Bobruyskaya + Bogatyr' - by 25 and 14% respectively. The plants of the variety blends were distinguished by

Card: 1/2

COUNTRY : USSR
CATEGORY : Cultivated Plants. Cereals. M

ABS. JOUR. : RZhBiol., No.14, 1958, No. 63377

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : greater branching, foliation, absolute weight of the seeds and by an increased number of kernels. All these indicators reached the maximum in the first and second generations. Blends of the local varieties Terekhovskaya and Bobruyskaya differed little from pure sowings as did the blend of late maturing Amurskaya buckwheat with the early maturing Terekhovskaya. -- I. N. Zaikina

Card: 2/2

30559

S/564/61/003/000/026/029
D207/D304

15.2450

AUTHORS: Gorina, Yu. I., and Maksimova, G. V.

TITLE: Growing strontium titanate monocrystals of non-stoichiometric composition by the Verneuil method

SOURCE: Akademiya nauk SSSR. Institut kristallografii. Rost kristallov, v. 3, 1961, 460-462

TEXT: The author describes the preparation of strontium titanate monocrystals (6 mm diameter, 30 mm length) using the Verneuil method. The color of the monocrystals depended on the type of flame used. The initial charge consisted of a mixture of $SrCO_3$ of analytic purity and pure TiO_2. This mixture was fired in a Silit furnace at 1400°C for 2 hours. Strontium titanate obtained by this firing was pulverized to a mean grain size of 0.2μ and thoroughly dried. Monocrystals were grown in a tubular furnace using a mixed $H_2 - O_2$ flame. A gas flow to the

Card 1/2

30550

S/564/61/003/000/026/029
D207/D304

Growing strontium...

flame was controlled by flowmeters of PC3 (RSZ) type. The H_2 / O_2 ratio was varied from 2.1 to 3.3 . The composition of the flame affected the color of monocrystals which varied from dark in hydrogen-rich flames to transparent or yellow in oxygen-rich flames. The optimum conditions were obtained in a flame with H_2 / O_2 ratio of 1 : 5 as measured by flowmeters, which corresponded to true volume ratio of 2.66 : 1 . The rate of crystal growth was 3 - 4 cm/hour. The maximum width of the crystal was 7 mm. Monocrystals had circular, triangular or quadrilateral cross-sections and were grown without a seed along the direction [100] or [111] . The crystals with triangular cross-section grew along the L_3 axis and the quadrilateral ones along the L_4 axis. Chemical and spectroscopic analyses of the monocrystals indicated an excess of TiO_3 ($\sim$3%). The following impurities were also present: 0.01% Mg, 0.02% Si, 0.1% Al, 0.005% Fe, 0.01% Ca . These impurities were responsible for the light yellow color of some crystals. This work was carried out under the direction of Professor G. I. Skanavi (deceased). There are 2 figures.

Card 2/2

GORINA, Yu.I.; KASHTANOVA, A.M.; MAKSIMOVA, G.V.; SKANAVI, G.I. [deceased]

Production of strontium titanate single crystals and some data on their dielectric properties. Kristallografiia 6 no.3: 473-475 My-Je '61. (MIRA 14:8)

1. Fizicheskiy institut imeni P.N. Lebedeva.
(Strontium titanate crystals--Electric properties)

S/058/62/000/004/096/160
A061/A101

AUTHORS: Gorina, Yu. I., Maksimova, G. V.

TITLE: Growth of nonstoichiometric strontium titanate single crystals by Verneuil's method

PERIODICAL: Referativnyy zhurnal, Fizika, no. 4, 1962, 12, abstract 4E110 (Sb. "Rost kristallov. T. 3", Moscow, AN SSSR, 1961, 460-462, Discuss. 501-502)

TEXT: A method of growing $SrTiO_3$ single crystals is suggested. Single crystals, 6 mm in diameter and 30 mm long, were obtained.

[Abstracter's note: Complete translation]

Card 1/1

GORINEVSKAYA, V. V. DECEASED

Medicine see ILC

GORINSKIY, V., inzh.

Plastics in concrete and reinforced concrete structures.
Rech.transp. 23 no.9:61-62 S '64.
(MIRA 19:1)

GORINOV, A.

Lapping needles of nozzles. Mor. i rech.flot 14 no.9:28 S '54.
(Steam-boilers, Marine) (MLRA 7:10)

BURVE, P.; GORINOV, A.

The outstanding boatswain of the Baltic Sea. Blok.agit.vod. transp. no.13:23-28 Jl '56. (MLRA 9:8)
(Lakeev, Ivan Nikitich)

GORINOV, A.

The peace and friendship trip. Mor. flot 24 no.9:4-5 S '64.
(MIRA 18:5)

GORINOV, A. V.

Moskva-Donbass. [Moscow-Donets basin]. (Transportnoe stroitel'stvo, 1932, no. 2-3, p. 3-5, map).

DLC: HE7.T7

IUzhno-Donetskaia zheleznaia doroga. [The South-Donets railway]. (In Kratkii tekhnicheskii zheleznodorozhnyi slovar. Moskva, 1946, p. 602-603).

DLC: TF9.K75 1946

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS, A BIBLIOGRAPHY, Library of Congress Reference Department, Washington, 1952, Unclassified.

GORINOV, A. V.

8G47

USSR/Railways 4602.0200 Jun 1946

"The Classification of the Railroads of the USSR," A. V. Gorinov, Corresponding Member of Academy of Sciences of the USSR, 18½ pp

"Izv Ak Nauk Otdel Tekh Nauk" No 5

Suggests principles for classifying railroads of the USSR into four classes: 1) Trans-Union trunk lines, 2) main lines for inter-regional communication, 3) intra-regional line, 4) feeder and spur lines. Some general information on planned construction.

8G47

GORINOV, A. V.

Elektrificheskaia i teplovaia tiaga poezdov. [Electric and heat power traction]. (His Razvitie tekhniki zhel-dor. transporta. Moskva, 1948, p. 25).
Lists new electric railway lines and the line which are to be converted to electric power propulsion.

DLC: TF85.G6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washtinton, 1952, Unclassified.

GORINOV, A. V.

Poslevoennaia piatiletka vosstanovleniia i razvitiia zheleznykh dorog SSSR v deistvii. /The post-war five-year plan for restoration and development of railroads of the USSR in action_7. (His Razvitie tekhniki zheleznodorozhnogo transporta. Moskva, 1948, p. 93).

Lists the new railroad lines put in operation since 1947.

DLC: TF85.G6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

GORINOV, A. V.

Razvitie tekniki zheleznodorozhnogo transporta. /The development of techniques of railroad transportation// Moskva. Gosplanizdat, 1948. 98 p. illus., map.

MH

DLC: TF85.G6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassfied.

GORINOV, A. V.

Proektirovanie zheleznykh dorog. /Planning railroad construction. (Railfoad engineering)/ 3., perer. i dop. izd. Dopushcheno v kachestve uchebnika dlia stroitel'nykh fakul'tetov transportnykh institutov. Moskva, Gos. transp. zhel-dor. izd-vo, 1948- 3v. illus., maps (part fold.)

Contents,- v. 1. Tractional computation.-
Surveying and projecting principles.-v. 2. Tracing and choosing the direction of the railroad.- v. 3. Complex projecting and the organization of surveys.-
Vol. I. Map facing page 21 (back side): Sketch showing the development of the railroad network of the USSR during the years 1917-1944 and the dates on which he railroads went into operation.

DLC: TF200.G6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

GORINOV, A. V.

Nai-vazhni meropriiatiia po tekhnicheskoto presuoruzhavane na zheleznoputniia transport. /The most important measures of technical precautions in railroad transportation/. /Prevel V. Kabakchiev. Sofiia, Pechat i propaganda pri MZHAVS, 1949/ 42p. illus. (Biblioteka sp /isanie/ "Transportno delo," No. 4) "Bezplatno prilozhenie kum kn. 10 na spisanie 'Transportno delo'."

MH DLC: TF85.G59

SO: SOviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassfied.

1. GORINOV, A. V.

2. USSR (600)

4. Railroads

7. Trunk lines of the country. Nauka i zhizn' 19 no. 11, 1952.

9. Monthly Lists of Russian Accessions, Library of Congress, March 1953, Unclassified.

1. GORINOV, A. V.

2. USSR 600

4. Railroads

7. Soviet transport in the fifth five-year plan, Vest. AN SSSR, 22, No. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

AHLAZOROV, M.S.; GORINOV, A.V., professor, redaktor; PODYMOV, L.M., kandidat tekhnicheskikh nauk, redaktor; VEHINA, G.P., tekhnicheskiy redaktor.

[In search of new roads] V poiskakh novykh dorog. Pod red. A.V.Gorinova. Moskva, Gos. transportnoe zhel-dor. izd-vo 1954. 147 p.(MLRA 7:12)

1. Chlen-korrespondent Akademii nauk SSSR (for Gorinov)
(Railroads)

GLAZKOV, M.M.; GORINOV, A.V.

Improve cooperation with efficiency workers and inventors.
Rech. transp. 15 no.10:7-9 O '56. (MLRA 10:2)

(Inland water transportation)

FEDOROV, Valentin Ivanovich, dotsent, kand.tekhn.nauk; GORINOV, A.V., prof., retsenzent; AVGEVICH, V.I., doktor geograf.nauk, retsenzent; KISLOV, V.V., red.; ZUBKOVA, M.S., red.izd-va; MAL'KOVA, N.V., tekhn.red.

[Aerial-photographic survey of highways] Aerofotoizyskaniia avtomobil'nykh dorog. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1959. 224 p. (MIRA 12:8)

1. Chlen-korrespondent Akademii nauk SSSR (for Gorinov).
(Photography, Aerial) (Roads--Surveying)

IOANNISYAN, A.I., prof.; GORINOV, A.V., prof.; AKIMOV, V.I., kand.tekhn. nauk; KANTOR, I.I., kand.tekhn.nauk; KONDRATCHENKO, A.P., kand. tekhn.nauk; SAVCHENKO, I.Ye., kand.tekhn.nauk; TURBIN, I.V., kand. tekhn.nauk; VLASOV, D.I., inzh., red.; KHITROV, P.A., tekhn.red.

[Problems in the planning of railroads with electric and diesel traction] Voprosy proektirovaniia zheleznykh dorog s elektricheskoi i teplovoznoi tiagoi. Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 255 p. (MIRA 13:3)

1. Chlen-korrespondent AN SSSR (for Gorinov).
(Railroad engineering)

GORINOV, Aleksandr Vasil'yevich, nauchnyy sotrudnik; BUTLER, Serafim Aleksandrovich, nauchnyy sotrudnik; MALYAVSKIY, Boris Kirillovich, nauchnyy sotrudnik; NORMAN, Edgar Arturovich, nauchnyy sotrudnik; TAVLINOV, Viktor Konstantinovich, kand. tekhn.nauk, nauchnyy sotrudnik; VASIL'YEV, Yu.F., red.izd-va; ASTAF'YEVA, G.A., tekhn.red.

[Air levelling in surveying railroad lines; explorations of mountainous areas] Aeronivelirovanie na izyskaniiakh putei soobshcheniia; materialy issledovanii v gornoi mestnosti. Moskva, Izd-vo Akad.nauk SSSR, 1959. 272 p. (MIRA 13:3)

1. Chlen-korrespondent AN SSSR (for Gorinov). 2. Rukovoditel' laboratorii zheleznodorozhnykh izyskaniy Vsesoyuznogo nauchno-issledovatel'skogo instituta transportnogo stroitel'stva (TsNIIS) Mintransstroya SSSR (for Butler). 3. Laboratoriya zheleznodorozhnykh izyskaniy Vsesoyuznogo nauchno-issledovatel'skogo instituta transportnogo stroitel'stva (TsNIIS) Mintransstroya SSSR (for all except Vasil'yev, Astaf'yeva).

(Aerial photogrammetry) (Railroads--Surveying)

GORINOV, A.V.,, prof.; KANTOR, I.I., dots.; KONDRATCHENKO, A.P., dots.; LOGINOV, V.N., assistent; TURBIN. I.V., ispolnyayushchiy obyazannosti dotsenta; SOLOV'YEVA, T.P., red.; KLEYMAN, L.G., tekhn. red.

[Designing a new railroad section with electric and diesel traction; handbook for the disigning of a school project] Proektirovanie uchastka novoi zheleznoi dorogi s elektrovoznoi i teplovoznoi tiagoi; posobie dlia kursovogo proektirovaniia. By A.V.Gorinov i dr. Moskva, M-vo putei soobshcheniia. Glav. upr. ucheb. zavedeniiami, 1960. 109 p. (MIRA 14:11)

1. Moscow. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta. 2. Zaveduyushchiy kafedroy "Izyskaniya i proyektirovaniye zheleznykh dorog" Moskovskogo instituta inzhenerov zheleznodorozhnogo transporta i Chlen-korrespondent AN SSSR (for Gorinov).
(Railroad engineering)

MIKHEYEV, A.P., prof., doktor tekhn. nauk; SHUKSTAL', Ya.V., kand. ekon. nauk; DMITRIYEV, V.A., kand. ekon. nauk; Prinimali uchastiye GUTKIN, L.V., kand. tekhn.nauk; SHVARTS, R.Ya., mladshiy nauchnyy sotr.; GORINOV, A.V., retsenzent; MIKHAL'TSEV, Ye.V., prof., retsenzent; GIBSHMAN, A.Ye., prof., retsenzent; RYLEYEV, G.S., inzh., retsenzent; KHACHATUROV, T.S., red.; MAKSIMOV, I.S., red.; GERASIMOVA, Ye.S., tekhn. red.

[Efficiency of electric and diesel traction in railroad transportation]Effektivnost' elektricheskoi i teplovoznoi tiagi na zheleznodorozhnom transporte. Pod red. T.S.Khachaturova i A.P.Mikheeva. Moskva, Gosplanizdat, 1960. 302 p. (MIRA 16:1)

1. Nauchnyye sotrudniki Otdela razvitiya tekhnicheskikh sredstv transporta i Otdela raspredeleniya perevozok mezhdu razlichnymi vidami transporta Instituta kompleksnykh transportnykh problem Akademii nauk SSSR (for Mikheyev, Shukstal', Dmitriyev). 2. Chlen-korrespondent Akademii nauk SSSR (for Gorinov, Khachaturov).
(Electric railroads) (Diesel locomotives)

ARTEM'YEV, S.P.; AFANAS'YEV, L.L.; BELOUSOV, I.I.; BENENSON, I.M.; BRONSHTEYN, L.A.; BUYANOV, V.A.; VELIKANOV, D.P.; VERKHOVSKIY, I.A.; GORINOV, A.V.; GOBERMAN, I.M.; DAVIDOVICH, L.N.; DEGTEREV, G.N.; ZVONKOV, V.V.; KALABUKHOV, F.V.; KOMAROV, A.V.; KUDRYAVTSEV, A.S.; LIV'YANT, Yu.A.; PETROV, A.P.; PETROV, V.I.; TARANOV, A.T.; TIKHOMIROV, N.N.; FEDOROV, V.F.; CHUDINOV, A.A.; SHUPLYAKOV, S.I.; YANKIN, Yu.S.

Anatolii Pavlovich Aleksandrov; obituary. Avt.transp. 38 no.9:57 S '60. (MIRA 13:9)

(Aleksandrov, Anatolii Pavlovich, 1903-1960)

GORINOV, Aleksandr Vasil'yevich, prof. Prinimali uchastiye: TURBIN, I.V., dotsent, kand.tekhn.nauk; KANTOR, I.I., dotsent, kand. tekhn.nauk; KONDRATCHENKO, A.P., dotsent, kand.tekhn.nauk; YEVREYSKOV, V.Ye., prof., retsenzent; LEBEDEV, A.I., dotsent, retsenzent; VOZNESSENSKIY, G.D., dotsent, retsenzent; ISAKOV, L.M., dotsent, retsenzent; DZHGAMADZE, O.V., dotsent, retsenzent; CHERNYSHEV, G.P., inzh., retsenzent; MYSHKIN, G.N., inzh., retsenzent; ZAYTSEV, I.M., inzh., retsenzent; OZERETSKOVSKIY, V.P., inzh., retsenzent; ZARETSKIY, A.O., inzh., retsenzent; BUGROV, B.A., inzh., retsenzent; KOSTIN, I.I., prof., red.; BOKROVA, Ye.N., tekhn.red.

[Railroad surveying and designing] Izyskaniia i proektirovanie zheleznykh dorog. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia. Vol.1. Izd.4., perer. 1961. 336 p. (MIRA 14:4)

1. Chlen-korrespondent Akademii nauk SSSR (for Gorinov). 2. Kafedra "Proyektirovaniye i postroyka zheleznykh dorog" Novosibirskogo instituta inzhenerov zheleznodorozhnogo transporta (for Yevreyskov, Lebedev, Voznesenskiy, Isakov, Dzhgamadze). 3. Gosudarstvennyy proyektno-izyskatel'skiy institut "Gipropromtransstroy" (for Chernyshev, Myshkin, Zaytsev, Ozeretskovskiy, Zaretskiy, Bugrov).

(Railroad engineering)

GORINOV, A.V.

Research on the development of transportation in the U.S.S.R.
Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no.1:16-23
Ja-F '62. (MIRA 15:3)
(Transportation)

GORINOV, A.V., prof.; KANTOR, I.I., kand.tekhn.nauk

"Instructions for surveying and designing road and railroad bridges over flowing water." Reviewed by A.V.Gorinov, I.I.Kantor. Transp. stroi. 12 no.12:57 D '62. (MIRA 16:1)

1. Chlen-korrespondent AN SSSR (for Gorinov).
(Bridges)

GORINOV, A.V., prof.; TURBIN, I.V., kand. tekhn. nauk, dotsent

Stagewise increase of the capacity of new railroads operated with diesel locomotives. Trudy MIIT no.158:17-31 '62.
(MIRA 16:6)

1. Chlen-korrespondent AN SSSR (for Gorinov).
(Railroad engineering)
(Diesel locomotives)

GORINOV, A.V., prof.; TURBIN, I.V., kand. tekhn. nauk, dotsent

Expediency of combining diesel and a.c. electric traction in the planning of new railroads. Trudy MIIT no.158:4-16 '62. (MIRA 16:6)

1. Chlen-korrespondent AN SSSR (for Gorinov).
(Railroad engineering)
(Railroads—Cost of construction)

GORINOV, A.V., prof.; KANTOR, I.I., dots.; KONDRATCHENKO, A.P., dots.; REPNEV, A.I., dots.; TURBIN, I.V., dots.; LIVSHITS, V.N., kand. tekhn. nauk; AKIMOV, V.I., kand. tekhn. nauk, retsenzent; GURSKIY, P.A., prof., retsenzent; ZAYTSEV, P.F., kand. tekhn.nauk, retsenzent; LISHTVAN, L.L., inzh., retsenzent; PRUSAKOV, M.B., inzh., retsenzent; SHINKAREV, F.S., inzh., retsenzent; SHUL'PENKOV, V.M., inzh., retsenzent; MEDVEDEVA, M.A., tekhn. red.

[Design and planning of railroads] Proektirovanie zheleznykh dorog. [By] A.V.Gorinov i dr. Moskva, Transzheldorizdat, 1963. 308 p. (MIRA 16:9)

1. Chlen-korrespondent AN SSSR (for Gorinov).
(Railroad engineering)

GORINOV, A.V. (Moskva)

Development of a consolidated transportation network in the U.S.S.R. Izv. AN SSSR. Energ. i transp. no.5:563-575 S-O '63. (MIRA 16:11)

GORINOV, A.V.; PETROV, A.P.

A conference on problems affecting the development of transportation in the U.S.S.R., held at Moscow. Vest. AN SSSR 33 no.7:116-118 Jl '63. (MIRA 16:8)

1. Chleny-korrespondenty AN SSSR.
(Russia--Transportation)

GORINOV, A.V., prof.; KANTOR, I.I., kand.tekhn.nauk, dotsent; TURBIN, I.V., kand.tekhn.nauk, dotsent

Ways to develop the methods for railroad design and planning based on the use of electronic digital computers. Trudy MIIT no.181:4-20 '64. (MIRA 18:1)

1. Chlen-korrespondent AN SSSR (for Gorinov).

GORINOV, A.V., prof.; GIBSHMAN, A.Ye., prof., doktor tekhn. nauk

Experience in using electronic computers for selecting the sequence in the building of railroad lines. Transp. stroi. 15 no.2:59-60 F '65. (MIRA 18:3)

1. Chlen-korrespondent AN SSSR (for Gorinov).

GORINOV, A.V.

Mathematical methods and electronic computer techniques in railroad planning. Transp. stroi. 15 no.9:38-39, 59 S '65. (MIRA 18:11)

1. Chlen-korrespondent AN SSSR.

[illegible] LNOV, A.V., prof.; KANTOR, I.I., kand. [illegible]
LIKHTMAN, I.I., inzh.

Review and bibliography. Transp. [illegible]
N '65.

1. [illegible] correspondent AN SSSR (for [illegible]).

ACC NR: AP6005545 (A) SOURCE CODE: UR/0030/66/000/001/0020/0025

AUTHOR: Gorinov, A. V. (Corresponding member AN SSSR)

ORG: none

TITLE: The creation of a unified transportation system for the SSSR

SOURCE: AN SSSR. Vestnik, no. 1, 1966, 20-25

TOPIC TAGS: transportation system, operations research, government economic planning, research program

ABSTRACT: The future transportation needs of the SSSR are briefly reviewed and the areas of research which must be undertaken to fulfill these needs are discussed. It is assumed that one of the principal approaches to the future development of transportation will be to unite all forms of transportation into a single system. Such a system must include all forms of transportation, all terminals and all forms of service facilities. In June 1965, the Soviet Academy of Sciences made the decision to organize a permanent commission to study the scientific problems associated with transportation. The article discusses the following problem areas associated with the development of a single transportation system: the study of economic effectiveness, computer-aided mathematical simulation of transportation networks, study of geographic factors, reexamination of historic factors which have affected the development of land, water and air

UDC: 656.0

Card 1/2

ACC NR: AP6005545

transportation means to see where radically new approaches are necessary to develop such means in the future.

SUB CODE: 15/ 05/ SUBM DATE: none

Card 2/2

22(3)

SOV/178-58-7-6/24

AUTHOR: Gorinov, I., Lieutenant Colonel

TITLE: From the Experience of Special Tactical Training (Iz opyta taktiko-spetsial'noy podgotovki)

PERIODICAL: Voyennyy svyazist, 1958, Nr 7, pp 17 - 19 (USSR)

ABSTRACT: The author states that small units are trained best, when the training is conducted on a large scale with the participlation of signal corps units. Field training is to be conducted for two days during summer, and for three days during winter. In this connection, the author presents excerpts from a training schedule for a signal corps unit. There is 1 table.

Card 1/1

SERAFIMOV, K.; GORINOV, N.

Regularity in the change of electronic density in the E layer over Sofia, 1961-1962. Doklady BAN 16 no.7:705-708 '63.

1. Vorgelegt von Akademiemitglied L.Krastanov [Krustanov, L.] Chlen Redaktsionnoy kollegii i otvetstvennyy redaktor, "Doklady Bolgarskoy Akademii nauk".

SERAFIMOV, K.; GORINOV, N.

Quiescent changes in the total amount of electrons in the E ionospheric layer. Doklady BAN 16 no. 8: 809-812 '63.

1. Vorgelegt von Akademiemitglied L. Krastanov [Krustanov, L.]. Otvetstvennyy redaktor, "Doklady Bolgarskoy Akademii nauk".

SURKOV, Ye.I.; KUZNETSOVA, A.I.; GORIKOV, P.V.

Water bubble absorption of phenol vapors from flue gases.
Trudy MKHTI no.33:48-51 '61. (MIRA 14:10)
(Plate towers)
(Phenols)

LUZHETSKIY, K.; GORINOV, V.

Tasks, prospects, difficulties. Grazhd. av. 22 no.6:7-8 Je '65. (MIRA 18:6)

1. Komandir Tyumenskoy aviatsionnoy gruppy (for Luzhetskiy).
2. Zamestitel' komandira po politicheskoy chasti Tyumenskoy aviatsionnoy gruppy (for Gorinov).

SHUSHUNOV, V.A.; AUROV, A.P.; GORINOV, V.A.

Effect of ethers on velocity of reaction of magnesium with alkyl halide vapours. C.R. Acad. Sci. U.R.S.S., '49, 68, 875-877.
(BA - A I Ja '53:82)

Sci. Res. Inst. Chem., Gorkiy State U.

GORINOV, V. A.

USSR/Chemistry - Organomagnesium Compounds Jan 51

"Catalysis by Ethers of Reaction of Magnesium With Ethyl Bromide Vapors," V. A. Shushunov, A. F. Aurov, V. A. Gorinov, Sci Res Inst of Chem, Gor'kiy State U

"Zhur Fiz Khim" Vol XXV, No 1, pp 20-23

In reaction of Mg with alkyl halides (in this case EtBr) ethers act as catalysts. Low-rate coeff of reaction at significant concn of ether suggests reaction occurs in diffusion region. Catalytic ability of ethers depends on their nature, Me_2O being most effective, Et_2O and iso-Pr_2O about equal, though catalysis with Et_2O gives higher yield of organo-Mg compd.

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GORINOV, V.T.

Improve methods of planning and analysis of the operation of telecommunication enterprises. Vest. sviazi 25 no.10: 13-15 S '65. (MIRA 18:11)

1. Nachal'nik planovo-finansovogo otdela Zhitomirskogo oblastnogo upravleniya svyazi.

KIBA, N.T., veterinarnyy vrach; PUGACH, Ye.I., veterinarnyy vrach; GORINOV, Yu.M., veterinarnyy vrach

Comparative evaluation of biomycin and a preparation of the broth culture of Propionibacterium and Lactobacillus acidophilus. Veterinariia 41 no.4:71-72 Ap '65. (MIRA 18:6)

1. Kaliningskaya nauchno-proizvodstvennaya veterinarnaya laboratoriya.